

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-20030032204-\$).did.	US-PGPUB	OR	ON	2007/03/01 11:42
L2	0	L1 and sort\$3 and laser and substrate and rotat\$5 and fluid and (adher\$3 or bind).clm.	US-PGPUB	OR	ON	2007/03/01 11:42
L4	6	sorting and fluid and laser adj steering	US-PGPUB	OR	ON	2007/03/01 11:45
L12	0	sorting and fluid and laser adj steering.clm.	US-PGPUB	OR	ON	2007/03/01 11:45
S35	1	(US-20030032204-\$).did.	US-PGPUB	OR	ON	2006/01/06 10:02

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-20030032204-\$).did.	US-PGPUB	OR	ON	2007/03/01 11:42
L2	0	L1 and sort\$3 and laser and substrate and rotat\$5 and fluid and (adher\$3 or bind).clm.	US-PGPUB	OR	ON	2007/03/01 11:42
L3	8	sorting and fluid and laser adj steering	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:42
L4	6	sorting and fluid and laser adj steering	US-PGPUB	OR	ON	2007/03/01 11:45
L5	715	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L6	15	L5 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L7	6	L6 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L8	99	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43

## EAST Search History

L9	27	L8 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L10	1	L1 and chemical	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L11	15	L5 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:43
L12	0	sorting and fluid and laser adj steering.clm.	US-PGPUB	OR	ON	2007/03/01 11:45
S1	99	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:21
S2	590	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634")	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:21

## EAST Search History

S3	50	(US-4887721-\$ or US-5374556-\$ or US-6858833-\$ or US-6744038-\$ or US-6784420-\$ or US-6815664-\$ or US-6833542-\$ or US-4979935-\$ or US-5776674-\$ or US-6067859-\$ or US-6416190-\$ or US-4314645-\$ or US-5715946-\$ or US-6863406-\$ or US-6692952-\$ or US-6778724-\$ or US-5199576-\$ or US-5461907-\$ or US-5550058-\$ or US-5966457-\$ or US-6400453-\$ or US-6287765-\$ or US-5187611-\$ or US-5525215-\$ or US-6031544-\$ or US-6180940-\$), did. or (US-5562819-\$ or US-4806772-\$ or US-4812660-\$ or US-4822520-\$ or US-4830875-\$ or US-4839092-\$ or US-4842960-\$ or US-4855603-\$ or US-4879186-\$ or US-4893886-\$ or US-4915982-\$ or US-4992302-\$ or US-5006366-\$ or US-5043097-\$ or US-5303501-\$ or US-5445011-\$ or US-5689109-\$ or US-5900654-\$ or US-5939716-\$ or US-6169284-\$ or US-6476383-\$ or US-6626546-\$ or US-6636676-\$ or US-6737634-\$), did.	USPAT	OR	ON	2006/01/05 10:25
S4	5	("20030047676" "4325706").PN.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:24
S5	53	"20030047676" "4325706"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:24
S6	0	S1 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:25
S7	10	S2 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:26
S8	0	S3 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:25
S9	0	S4 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:25
S10	0	S5 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/04 07:25

## EAST Search History

S11	590	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634")	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S12	135	S11 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S13	99	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S14	27	S13 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:27

## EAST Search History

S15	50	(US-4887721-\$ or US-5374556-\$ or US-6858833-\$ or US-6744038-\$ or US-6784420-\$ or US-6815664-\$ or US-6833542-\$ or US-4979935-\$ or US-5776674-\$ or US-6067859-\$ or US-6416190-\$ or US-4314645-\$ or US-5715946-\$ or US-6863406-\$ or US-6692952-\$ or US-6778724-\$ or US-5199576-\$ or US-5461907-\$ or US-5550058-\$ or US-5966457-\$ or US-6400453-\$ or US-6287765-\$ or US-5187611-\$ or US-5525215-\$ or US-6031544-\$ or US-6180940-\$). did. or (US-5562819-\$ or US-4806772-\$ or US-4812660-\$ or US-4822520-\$ or US-4830875-\$ or US-4839092-\$ or US-4842960-\$ or US-4855603-\$ or US-4879186-\$ or US-4893886-\$ or US-4915982-\$ or US-4992302-\$ or US-5006366-\$ or US-5043097-\$ or US-5303501-\$ or US-5445011-\$ or US-5689109-\$ or US-5900654-\$ or US-5939716-\$ or US-6169284-\$ or US-6476383-\$ or US-6626546-\$ or US-6636676-\$ or US-6737634-\$).did.	USPAT	OR	ON	2006/01/05 10:26
S16	19	S15 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S17	5	("20030047676" "4325706").PN.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S18	1	S17 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S19	53	"20030047676" "4325706"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:23
S20	15	S19 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S21	10	S11 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S22	3	S21 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:26
S23	2	S13 and sorting and disc	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:28

## EAST Search History

S24	2	S13 and sorting and disc and laser	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:30
S25	1	S13 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:29
S26	20	S12 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:09
S27	1	S16 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:30
S28	0	S19 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 10:30
S29	0	S20 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:16
S30	31	sorting and disc and laser and fluid and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:29
S31	20	holographic and laser adj steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:26
S32	4	sorting and fluid and laser adj steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/05 11:29
S33	5	(US-20050121604-\$ or US-20030032204-\$ or US-20050061962-\$).did. or (US-5966457-\$ or US-6838056-\$). did.	US-PGPUB; USPAT	OR	ON	2006/01/05 11:30
S34	18	"20050121604" "20030032204" "20050061962" "5966457" "6838056"	US-PGPUB; USPAT	OR	ON	2006/01/05 11:31
S35	1	(US-20030032204-\$).did.	US-PGPUB	OR	ON	2006/01/06 10:02
S36	1	S35 and sort\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:03
S37	0	S35 and sort\$3 and beam and steer\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:03
S38	0	S35 and sort\$3 and steer\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:03

## EAST Search History

S39	1	S35 and sort\$3 and beam	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:03
S40	0	S35 and sort\$3 and lazer	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:03
S41	1	S35 and sort\$3 and laser	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:05
S42	1	S35 and sort\$3 and laser and disc	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:06
S43	1	S35 and sort\$3 and laser and substrate	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:26
S44	1	S35 and sort\$3 and laser and substrate and rotat\$5	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:12
S45	1	S35 and sort\$3 and laser and substrate and rotat\$5 and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:14
S46	1	S35 and sort\$3 and laser and substrate and rotat\$5 and fluid and (adher\$3 or bind)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/03/01 11:42
S47	1	S35 and position\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:23
S48	0	S35 and measuring	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:21
S49	0	S35 and measur\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:21
S50	803479	S35 and heat\$3 or melt\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:23
S51	0	S35 and (heat\$3 or melt\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:23
S52	0	S35 and embed\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:24
S53	1	S35 and absorption	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:34



## EAST Search History

S54	0	S35 and (kill\$2 or destroy\$2)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:28
S55	1	S35 and moved and stage	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:35
S56	0	S35 and static	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:35
S57	0	S35 and static	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:35
S58	0	S35 and dynamic	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:36
S59	1	S35 and surface	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:37
S60	1	S35 and liquid and crystal	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:39
S61	0	S35 and liquid and crystal and nematic	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:44
S62	0	S35 and lenses and mirrors and prisms	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:45
S63	1	S35 and lenses and mirrors	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:47
S64	0	S35 and lenses and mirrors and halogram	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:46
S65	1	S35 and CCD	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:48
S66	1	S35 and power	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:49
S67	0	S35 and halogr\$5	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:50
S68	1	S35 and channel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:56

## EAST Search History

S69	1	S35 and syringe	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:53
S70	1	S35 and medium	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:53
S71	1	S35 and channel and microns	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:57
S72	0	S35 and resin	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:57
S73	1	S35 and PDMS	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:58
S74	1	S35 and spectroscopy	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:59
S75	0	S35 and chemical and indenty	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:59
S76	0	S35 and indenty	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 10:59
S77	1	S35 and chemical	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:01
S78	0	S35 and internal	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:03
S79	1	S35 and movement	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:05
S80	1	S35 and data and intensity	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:07
S81	0	S35 and peristalsis	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:07
S82	1	S35 and label\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:09
S83	0	S35 and spacing	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:09

## EAST Search History

S84	1	S35 and (duel or two) same trap\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:17
S85	1	S35 and (rectilinear or bias)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:20
S86	0	S35 and splitter	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:20
S87	1	S35 and split\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:21
S88	1	S35 and evaluat\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/06 11:22
S89	6	(US-20030032204-\$ or US-20050061962-\$ or US-20050121604-\$).did. or (US-5966457-\$ or US-6838056-\$ or US-6944324-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/11 12:53
S90	4	S89 and disc	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 12:54
S91	664	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634")	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S92	164	S91 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S93	25	S92 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00

## EAST Search History

S94	664	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634")	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S95	11	S94 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S96	50	(US-4887721-\$ or US-5374556-\$ or US-6858833-\$ or US-6744038-\$ or US-6784420-\$ or US-6815664-\$ or US-6833542-\$ or US-4979935-\$ or US-5776674-\$ or US-6067859-\$ or US-6416190-\$ or US-4314645-\$ or US-5715946-\$ or US-6863406-\$ or US-6692952-\$ or US-6778724-\$ or US-5199576-\$ or US-5461907-\$ or US-5550058-\$ or US-5966457-\$ or US-6400453-\$ or US-6287765-\$ or US-5187611-\$ or US-5525215-\$ or US-6031544-\$ or US-6180940-\$). did. or (US-5562819-\$ or US-4806772-\$ or US-4812660-\$ or US-4822520-\$ or US-4830875-\$ or US-4839092-\$ or US-4842960-\$ or US-4855603-\$ or US-4879186-\$ or US-4893886-\$ or US-4915982-\$ or US-4992302-\$ or US-5006366-\$ or US-5043097-\$ or US-5303501-\$ or US-5445011-\$ or US-5689109-\$ or US-5900654-\$ or US-5939716-\$ or US-6169284-\$ or US-6476383-\$ or US-6626546-\$ or US-6636676-\$ or US-6737634-\$).did.	USPAT	OR	ON	2006/10/11 15:00
S97	19	S96 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S98	1	S97 and sorting and disc and laser and fluid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00

## EAST Search History

S99	99	("4887721" "5374556" "6858833" "6744038" "6784420" "6815664" "6833542" "4979935" "5776674" "6067859" "6416190" "4314645" "5715946" "6863406" "6692952" "6778724" "5199576" "5461907" "5550058" "5966457" "6400453" "6287765" "5187611" "5525215" "6031544" "6180940" "5562819" "4806772" "4812660" "4822520" "4830875" "4839092" "4842960" "4855603" "4879186" "4893886" "4915982" "4992302" "5006366" "5043097" "5303501" "5445011" "5689109" "5900654" "5939716" "6169284" "6476383" "6626546" "6636676" "6737634").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S10 0	27	S99 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S10 1	11	S91 and holographic and laser and steering	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00
S10 2	4	S101 and sorting	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/11 15:00